



# Weekly Construction Report

## Hatchery Creek Design/Build Project



<b>Week:</b>	September 29-October 4, 2014	<b>Project No:</b>	1305
<b>Rain Days/Weather Conditions:</b>	Rained 0.8" Friday		
<b>Personnel on-site:</b>	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, Jon Linder, Chad Relinski, Brad Redmon, & Russ Turpin. <i>Stantec:</i> Oakes Routt (Tuesday -Wednesday for Survey/Stakeout & Progress Meeting).		
<b>Equipment on-site:</b>	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
<b>Material deliveries to project site:</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>		
<b>Work performed this week:</b>	<ul style="list-style-type: none"> <li>Continued excavating floodplain RT Sta. 115+00 and hauled soil to ravine riffles.</li> <li>Built riffle in ravine at ~RT Sta. 302+60.</li> <li>Worked on building riffle subgrade with soil fill at ~RT Sta. 304+20.</li> <li>Built temporary diversion channel from Public Fishing Area and diverted flow into channel on Wednesday.</li> <li>Built floodplain berm and walking trail along Public Fishing Area LT Sta. 102+00 to 103+50.</li> <li>Surveyed/staked out baselines along ravine and stream centerline Sta. 105+00 to 113+00.</li> <li>Held monthly Progress Meeting on Wednesday with Andy Mowrey, Dave Dreves, and Don Bunell from KDFWR and Keith Bohart from DECA.</li> </ul>		
<b>Erosion &amp; sediment controls installed:</b>	<ul style="list-style-type: none"> <li>❖ Installed turf seed and straw on finished floodplain berm and channel banks from ~Sta. 102+00 to 103+50.</li> <li>❖ Installed erosion control blanket, temporary seed, and straw along temporary diversion channel.</li> <li>❖ Installed sediment traps around soil stockpile areas.</li> </ul>		
<b>Work scheduled for next week:</b>	<ul style="list-style-type: none"> <li>⚡ Continue excavating for floodplain and channel upstream of Campground Road (113+00 to 116+80) and haul soil to ravine to finish building riffles (Sta. 301+00 to 304+80).</li> <li>⚡ Install compacted clay fill in ravine stream crossing ~Sta. 106+00 to 106+60.</li> <li>⚡ Continue delivering boulders for step pools and start delivering 18" D50 rock for step pools.</li> </ul>		
<b>Work planned for two weeks ahead:</b>	<ul style="list-style-type: none"> <li>⚡ Construct channel from ~Sta. 110+00 to 116+80.</li> <li>⚡ Continue delivering boulders and 18" D50 rock for step pools.</li> </ul>		
<b>General Comments:</b>	<ul style="list-style-type: none"> <li>➤ Access to the Public Fishing Area (left side starting at temporary diversion) and the ravine within the work area (within 500' of the bridge) is <b>closed</b> to protect the public during construction in those areas. KDFWR, USFWS &amp; USACOE are continuing to inform the public of the closure.</li> <li>➤ KDFWR's <b>Kentucky Afield</b> Television segment on the Hatchery Creek project can be seen at: <a href="https://www.youtube.com/watch?v=wOga8tNK88s&amp;list=UUdJM0sHgyWOMjsPtRhFS15Q">https://www.youtube.com/watch?v=wOga8tNK88s&amp;list=UUdJM0sHgyWOMjsPtRhFS15Q</a></li> </ul>		
<b>Prepared by:</b> Eric Dawalt, P.E.	<b>Date:</b> 10-6-14		



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Pictures from this week's construction:



***Trees cleared for temporary diversion channel near Public Fishing Area (Looking upstream ~LT Sta.105+00).***



***Temporary diversion channel constructed by excavating ~five foot-deep channel, installing rock toe in outer bends, and protecting banks with erosion control blanket. (Looking upstream ~LT Sta.105+00).***





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***Temporary diversion channel with water flowing (looking upstream ~LT Sta.105+00).***



***Constructing floodplain berm and walking trail along Public Fishing Area (~LT Sta.102+00 looking downstream). Apparently construction does not scare away trout fishermen.***





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***Rock chute at end of temporary diversion channel that will convey water down into ravine. (Looking upstream ~LT Sta.106+00).***



***Rock chute at end of temporary diversion channel with flow. (~LT Sta.105+50).***





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***Panorama of rock chute at end of temporary diversion channel with flow (~LT Sta.106+00).***



***Aerial photograph taken by KDFWR's Don Bunnell with a drone helicopter. It shows existing Public Fishing Area "rip rap channel" with temporary diversion channel on left side of picture (~Sta.103+50). Finished floodplain berm and gravel walking trail (with rock seats) can be seen in bottom left of photograph.***